

DART SERVICE INSTRUCTION

**TO AMEND INSTALLATION INSTRUCTIONS IIN-D139-1012 REV. D AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D139-1012 REV. 3**

REF. TCCA STC: SH16-17
REF. FAA STC: SR03788NY
REF. EASA STC: EASA.IM.R.S.10061119
REF. ANAC STC: 2016S05-07

1.0 PURPOSE

The purpose of this DART Service Instruction (DSI) is to provide an alternate installation method for the middle fwd net suspension brackets used on the D139-1012-011 Cargo Net Installation.

This installation method is for customers who, due to variations in aircraft, do not have inserts or have limited access to the unused inserts in their cargo compartment ceilings at this location.

2.0 INSTALLATION

2.1.1 With reference to IIN-D139-1012 Rev. D Section 3.3, omit sections 3.3.1 - 3.3.3. With reference to IIN-D139-1012 Rev D, Figure 3, omit the D5460-1 Angle Bracket, (2) MS35206-268 Screws, (2) AN960JD10L Washers and (2) MS20365-1032A Nuts that attach to the Cargo Compartment ceiling panel.

2.1.2 Locate the D5460-3 Channel onto the existing avionics brackets as shown in Figure 1 of this DSI.

2.1.3 Trim the D5460-3 Channel so that, when installed, the bottom surface of the lower D5460-1 Angle Bracket lines up to the Cargo Ceiling Liner as shown in Figure 3 of IIN-D139-1012 Rev. D.

2.1.4 Install a minimum of (3)X MS20470AD4-(X) Rivets by drilling $\varnothing 0.129$ thru the D5460-3 Channel and Avionics Bracket. Maintain minimum edge distance per AC43.13.

2.1.5 Discard the qty (2) extra D5460-1 Angle Brackets.

2.1.6 Continue with the remainder of the installation starting at section 3.3.4.

3.0 CONTINUED AIRWORTHINESS

With this modification, the D139-1012-011 Kit should continue to be maintained per ICA-D139-1012 Rev. 3.

4.0 WEIGHT AND BALANCE

There is a negligible weight & balance change associated with this modification.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

DATE: 17.09.11
CERT. NO.: SH16-17
ISSUE NO.: 1

APPROVED

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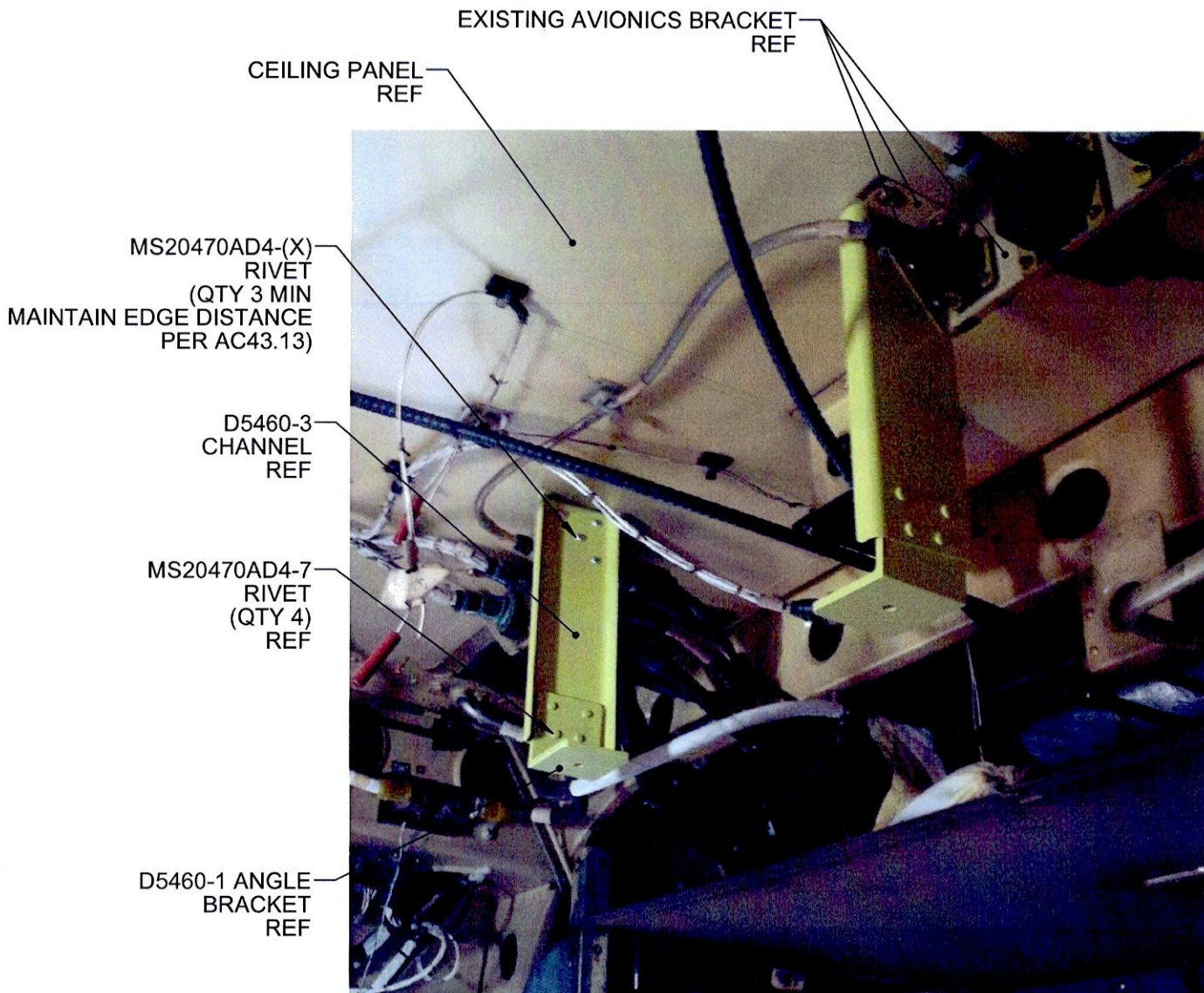
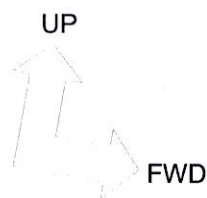


FIGURE 1: ALTERNATE BRACKET INSTALLATION



CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	<i>[Signature]</i>
	D. SHEPHERD (DE # 02)
DATE:	17.09.11
CERT. NO.:	SH16-17
ISSUE NO.:	1

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